

Improving Excavator Education

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Agenda

- Introductions
- Goals of the session
- Current excavator training
- Excavator Training Jam Session
- Summarize training ideas and feedback



Excavator Training



Benefits of Simulators

Risk Mitigation

Gain Real-World Skills

Connecting Education to Industry

Inexpensive

Nationally Recognized



Machines

Excavator

Wheel Loader

Basics

Hand / Foot Controls

Excavating

Trenching

Loading & Unloading





Overview

Orientation to the Trade

Heavy Equipment Safety

Introduction to MOT

Underground Utility Color Codes

Soil Behaviors

Identifying Heavy Equipment

Hydraulic Components

Basic Operational Techniques

Start up / Shut down Inspections

Utility Tractors

Introduction to Earthmoving

Grades

Interpreting Civil Drawings

Where to Train?



- LAUREL RIDGE:**
- Warrenton
 - Middletown
 - Luray

- GERMANNA:**
- Fredericksburg
 - Culpeper
 - Spotsylvania

- PIEDMONT VA:**
- Charlottesville

- VIRGINIA WESTERN:**
- Roanoke

- NEW RIVER:**
- Dublin

- BRIGHTPOINT:**
- Chester

- PD CAMP:**
- Franklin

- SOUTHWEST VA:**
- Richlands

Who to Contact?



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SCC Training

- Voluntary Training
- Settlement Training
- Train the Trainer Workshop
- Computer-based Training

Be respectful

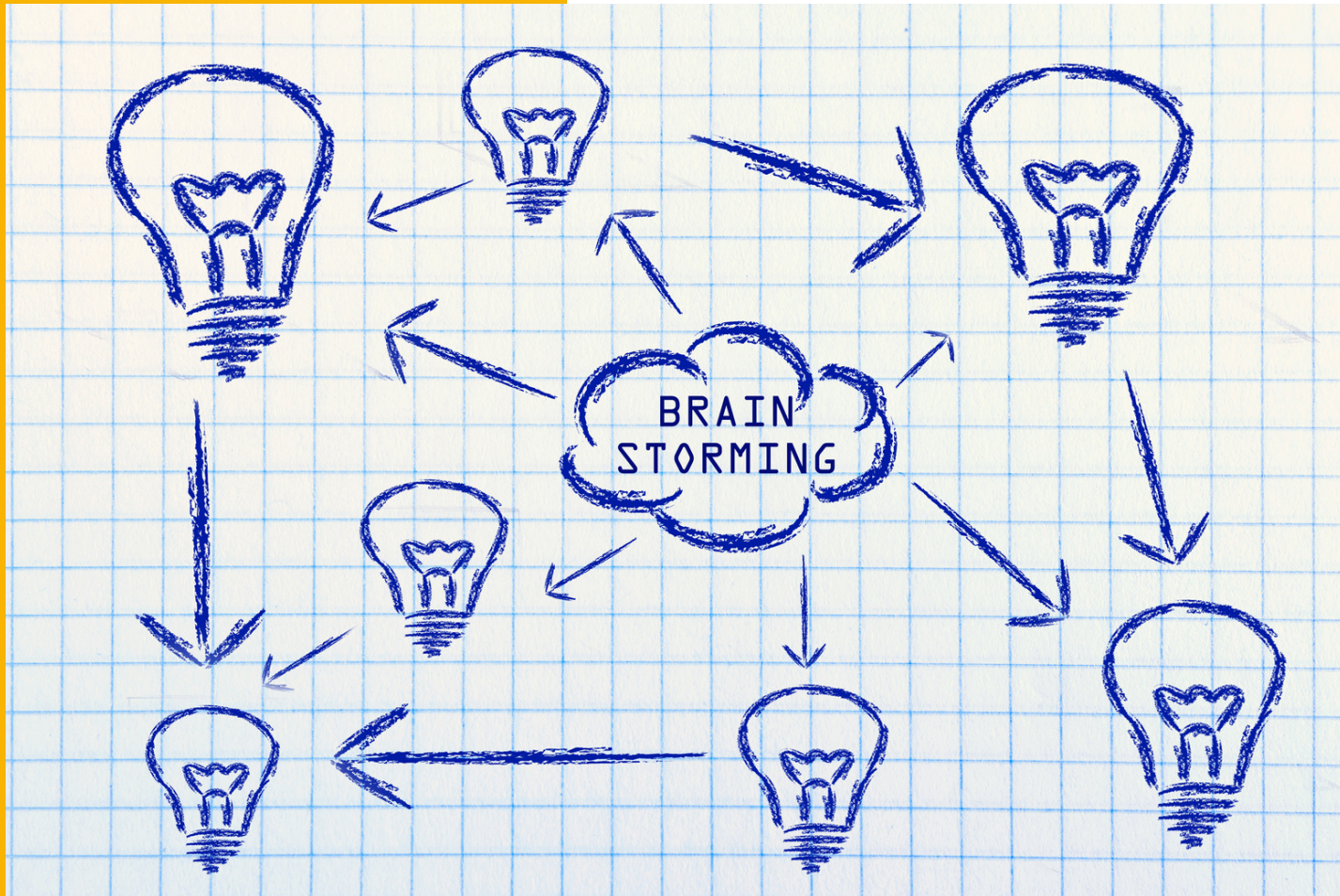
Listen to understand, not to reply

Give constructive feedback

You may be volunteering yourself



Training Ideas



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